What is claimed is:

1. A method of generating a molecule-function network comprising a step of a connect search using a database which stores information on biomolecules hierarchized by one or more items including items selected from a group consisting of modification state, active or inactive state, complexation state, and structural change.

2. A method of generating a molecule-function network comprising a step of a connect search using a biomolecule-linkage database wherein information on a biomolecule pair comprises a condition with which the biomolecule pair is formed.

3. A method of generating a molecule-function network comprising a step of a connect search using a pathology-linkage database which stores information on a disease as a grouped and/or hierarchized data item and stores information on correlation between the data items.

4. A method of generating a molecule-function network using a biomolecule-linkage database, comprising a step of a connect search wherein biomolecule pairs are filtered by setting a condition to one or more data items including data items selected from a group consisting of a relation code, a relation-function code, a reliability code, an acting organ and directionality of a biomolecule pair.

5. The method of any one of claims 1 to 4 further comprising a step of scoring the molecule-function network generated by a connect search using a biomolecule-linkage database, based on one or more data items including data items selected from a group consisting of a relation code, a relation-function code, a reliability code, an acting organ and directionality of a biomolecule pair.

6. A method of analyzing a disease-related gene using the method of any one of claims 1 though 5.

7. A method of analyzing a relation between two or more diseases using the method of any one of claims 1 to 5.

8. A method of presuming a mechanism of action and/or a side effect of a drug molecule by preparing a drug molecule information database and/or a drug molecule-biomolecule linkage database using the method of any one of claims 1 to 5.

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